DUX-12F 4K HDBT OUTPUT BOARD



DUX-F-O-HDBT

The DUX-F-O-HDBT is a 4K capable and HDCP 2.2 compliant HDBaseT output board for the DUX-12F Switching Matrix Enclosure. It has five connections and supports HDBaseT with de-embedded audio.

FEATURES

- Supports up to 4K@30 4:4:4 8bit.
- HDCP 2.2 compliant.
- Balanced analog and digital audio de-embedding.
- Ethernet routing (used with input board).
- IR and RS232 pass through HD-BaseT.

PACKING LIST

- 1 x DUX-F-O-HDBT
- 1 x 2-pin Pheonix connector
- 1 x 3-pin Pheonix connector
- 1 x 5-pin Pheonix connector

SPECIFICATIONS

General	
Compatible AMX products	Must be used in conjunction with a DUX-12F Switching Matrix Enclosure
Technical	
Connections	• 1 x HDBT OUT • 1 x IR IN • 1 x RS232 • 1 x Digital AUDIO OUT (S/PDIF Port) • 1 x Analog AUDIO OUT (5-pin Phoenix Female Port)
Video Type	HDBaseT with HDCP 2.2
Resolution Supported	• VESA: 1024 x 768[8], 1280 x 800[8], 1920 x 1200[8], 3840 x 2160[5] and Auto Scaler • SMPTE: 1280 x 720[8], 1920 x 1080[8] 1 = @ 23.98 Hz, 2 = @ 24 Hz, 3 = @ 25 Hz, 4 = @ 29.97 Hz, 5 = @ 30 Hz, 6 = @ 50 Hz, 7 = @ 59.94 Hz, 8 = @ 60Hz
Video Data Rate (Max)	10.2 Gbps
Video Level	0.5~1.2 Vp-p
DDC Signal	5 Vp-p
Maximum Pixel Clock	297 MHz
Audio Format	• HDBT OUT: PCM 2.0, Dolby 2.0, Dolby 5.1. • Digital AUDIO OUT: PCM 2.0, Dolby 2.0, Dolby 5.1. • Analog AUDIO OUT: PCM 2.0.
Physical	
Net Weight	0.22 kg

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AMX does not assume responsibility for errors or omissions. AMX also reserves the right to alter specifications without prior notice at any time.

The AMX Warranty and Return Policy and related documents can be viewed/downloaded at www.amx.com.

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DUX-12F 4K HDBT 输出板卡



DUX-F-O-HDBT

DUX-F-O-HDBT 为 HDBaseT 输出板卡，支持 4K 信号，兼容 HDCP 2.2，用于搭配 DUX-12F 切换矩阵使用。该输出板卡提供 5 个接口，支持 HDBT 音频解嵌。

产品特性

- 支持分辨率最高可达 4K@30 4:4:4 8bit；
- 兼容 HDCP 2.2；
- 支持平衡模拟与数字音频解嵌；
- 支持网络路由（需与输入板卡搭配使用）；
- 支持 IR 或 RS232 通过 HDBaseT 透传。

包装清单

- 1 x DUX-F-O-HDBT
- 1 x 2-针式凤凰接头
- 1 x 3-针式凤凰接头
- 1 x 5-针式凤凰接头

规格参数

常规	
兼容 AMX 产品	必须搭配 DUX-12F 切换矩阵使用
性能	
接口	• 1 x HDBT 输出 • 1 x IR 输入 • 1 x RS232 • 1 x 数字音频输出（S/PDIF接头） • 1 x 模拟音频输出（5-针式凤凰端子，母头）
视频类型	HDBaseT 兼容 HDCP 2.2
支持分辨率	• VESA: 1024 x 768[8]、1280 x 800[8]、1920 x 1200[8]、3840 x 2160[5] 与自动缩放 • SMPTE: 1280 x 720[8]、1920 x 1080[8] 1 = @ 23.98 Hz、2 = @ 24 Hz、3 = @ 25 Hz、4 = @ 29.97 Hz、 5 = @ 30 Hz、6 = @ 50 Hz、7 = @ 59.94 Hz、8 = @ 60Hz
视频带宽（最大）	10.2 Gbps
视频等级	0.5~1.2 Vp-p
DDC 信号	5 Vp-p
最大像素时钟	297 MHz
音频格式	• HDBT 输出：PCM 2.0、Dolby 2.0、Dolby 5.1； • 数字音频输出：PCM 2.0、Dolby 2.0、Dolby 5.1； • 模拟音频输出：PCM 2.0。
外观	
净重	0.22 kg

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